

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017774.D
 Acq On : 04 Aug 2020 16:34
 Operator : JC/SP
 Sample : PB130720TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130720TB

Quant Time: Aug 05 03:05:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

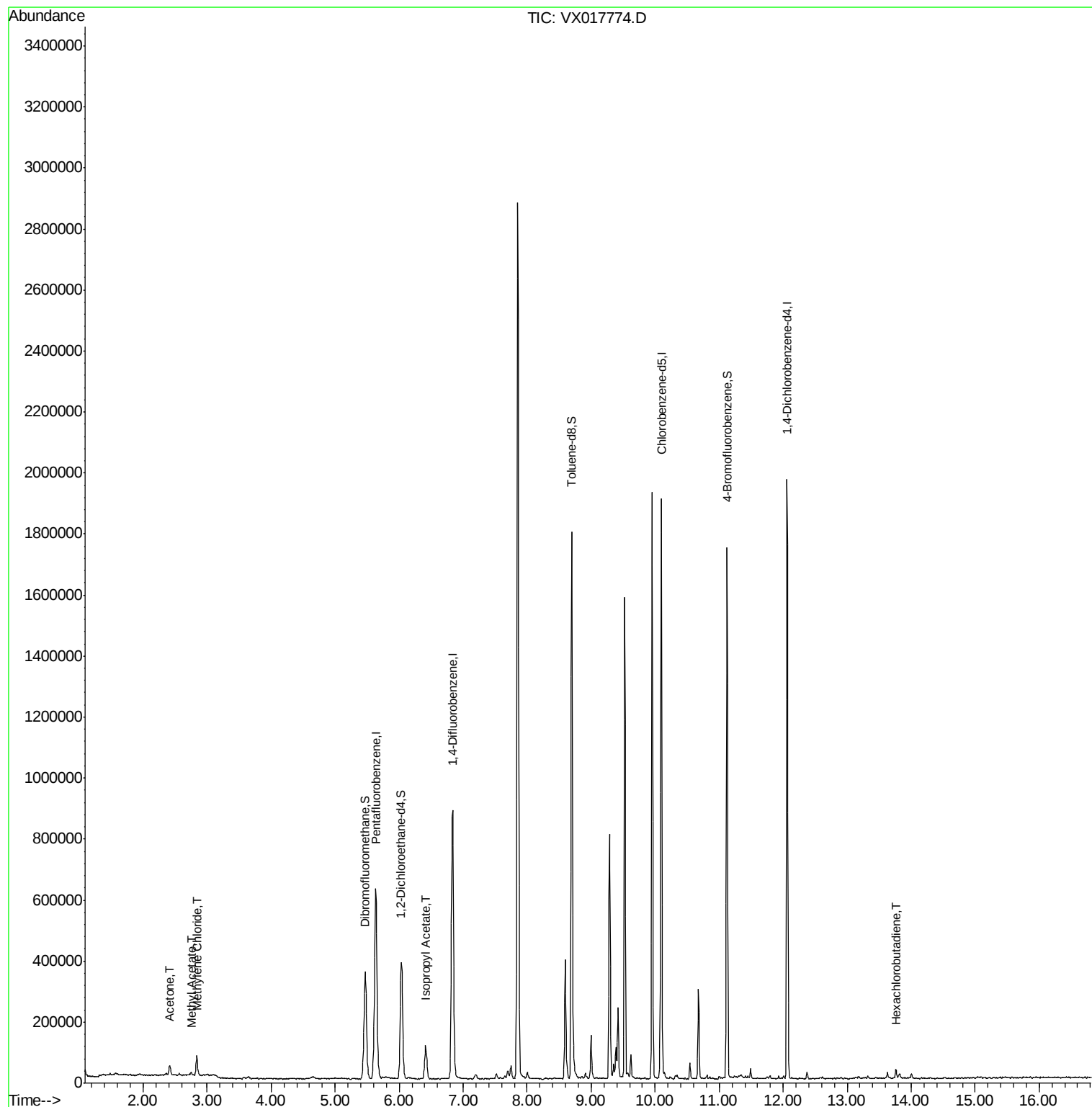
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	580851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	889472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	843765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	392422	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	5.47	113	304189	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	8.70	98	1063847	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.12	95	438916	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	2.42	43	39899	12.150	ug/l	98
18) Methyl Acetate	2.75	43	11472	1.483	ug/l #	88
20) Methylene Chloride	2.84	84	28878	3.474	ug/l	96
43) Isopropyl Acetate	6.42	43	154858	10.055	ug/l	99
94) Hexachlorobutadiene	13.77	225	4402	1.054	ug/l	91

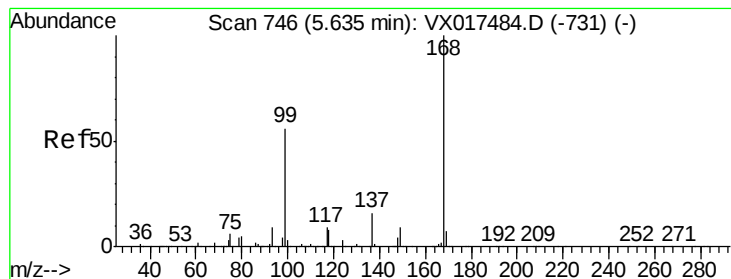
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

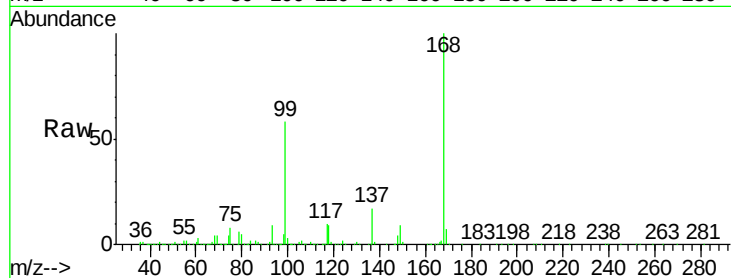
PB130720TB

Tgt Ion:168 Resp: 580851

Ion Ratio Lower Upper

168 100

99 57.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

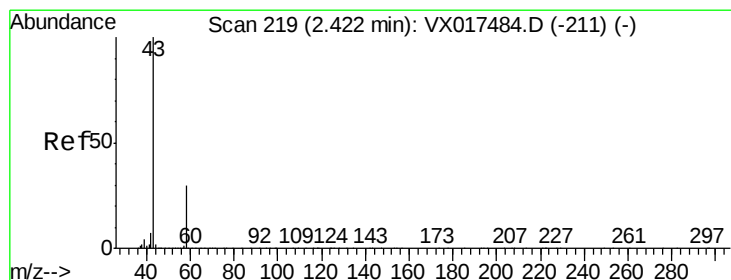
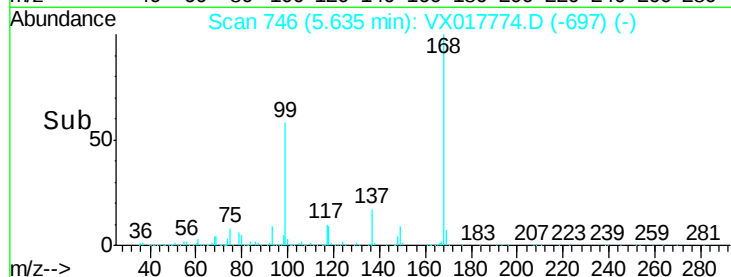
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.150 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017774.D

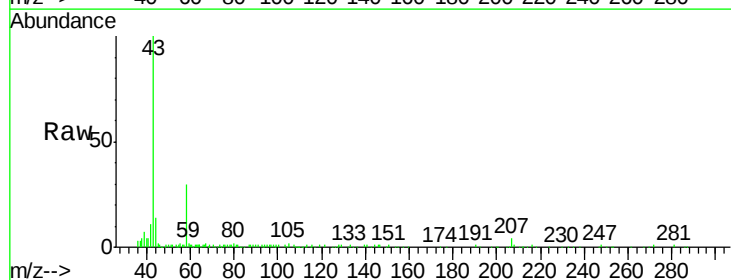
Acq: 04 Aug 2020 16:34

Tgt Ion: 43 Resp: 39899

Ion Ratio Lower Upper

43 100

58 29.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

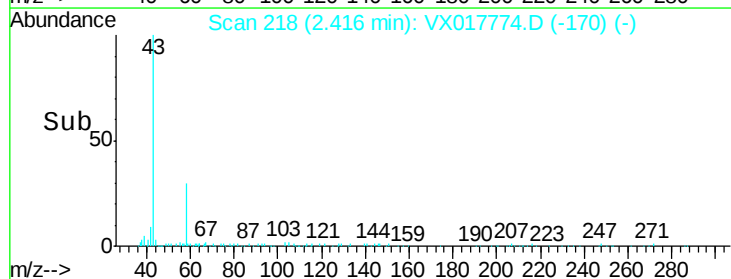
15000

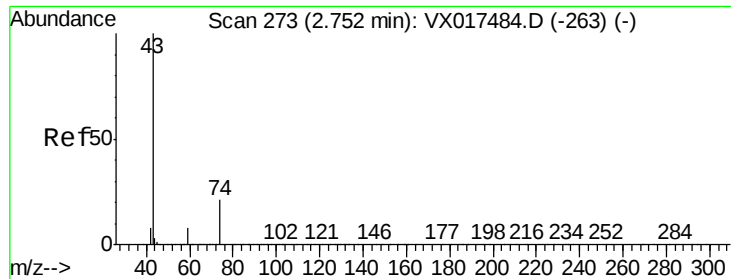
10000

5000

0

Time-->

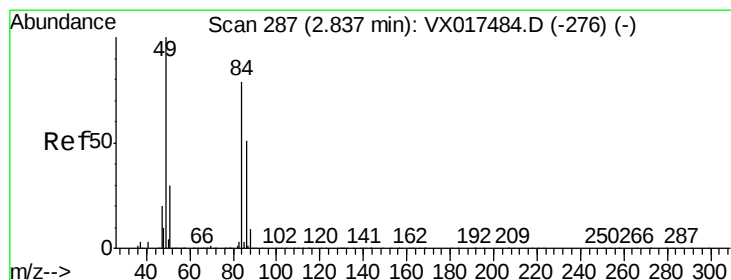
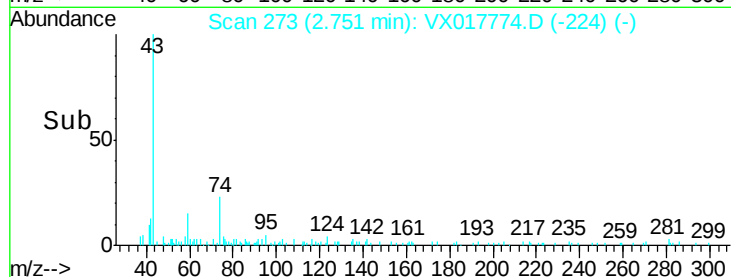
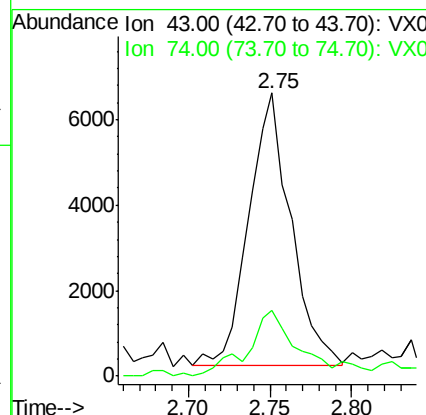
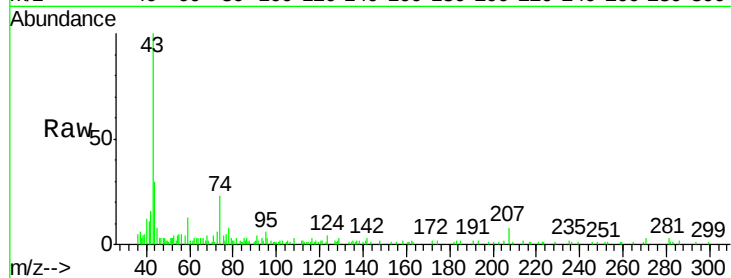




#18
Methyl Acetate
Concen: 1.483 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017774.D
Acq: 04 Aug 2020 16:34

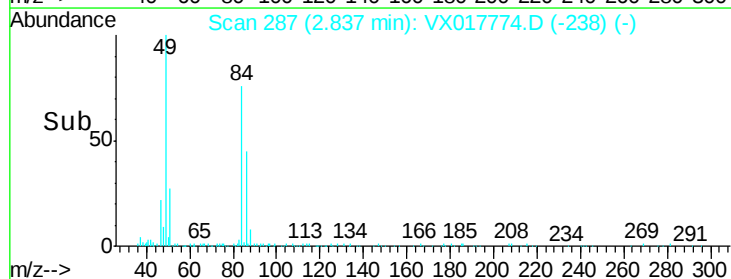
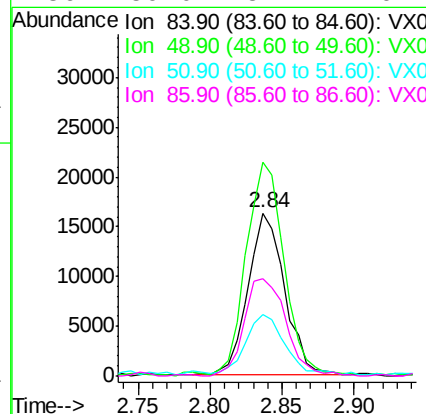
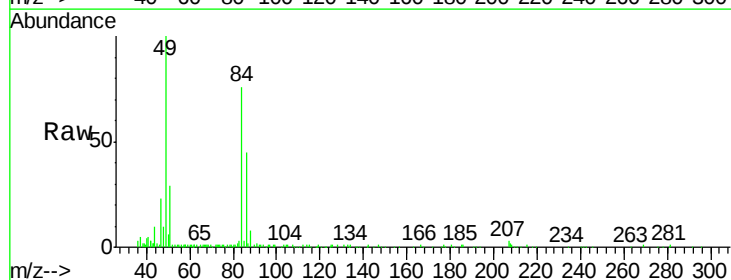
Instrument :
MSVOA_X
ClientSampleId :
PB130720TB

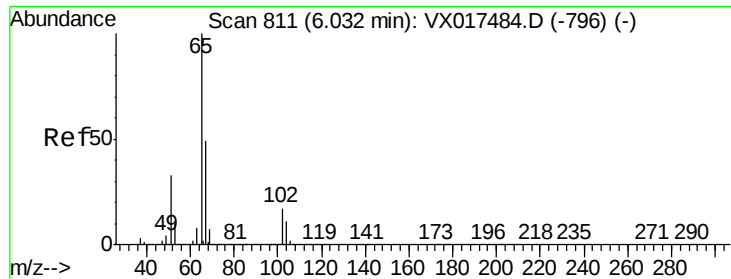
Tgt Ion: 43 Resp: 11472
Ion Ratio Lower Upper
43 100
74 27.5 17.5 26.3#



#20
Methylene Chloride
Concen: 3.474 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017774.D
Acq: 04 Aug 2020 16:34

Tgt Ion: 84 Resp: 28878
Ion Ratio Lower Upper
84 100
49 129.8 100.3 150.5
51 36.7 30.5 45.7
86 59.0 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 52.594 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

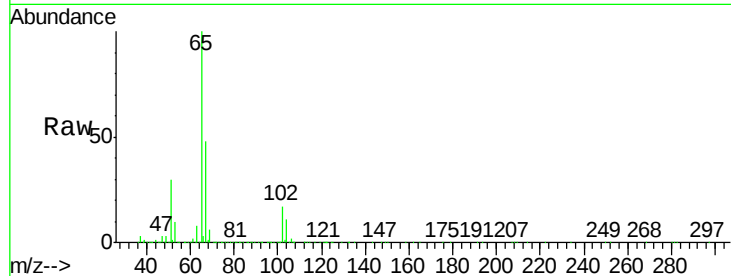
PB130720TB

Tgt Ion: 65 Resp: 392422

Ion Ratio Lower Upper

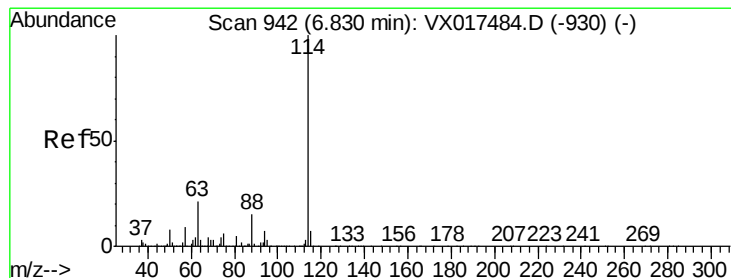
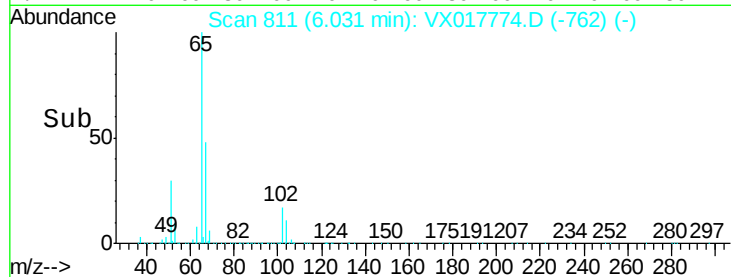
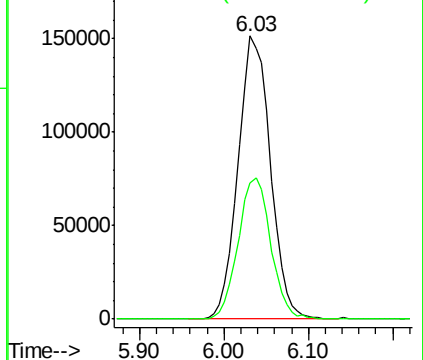
65 100

67 50.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

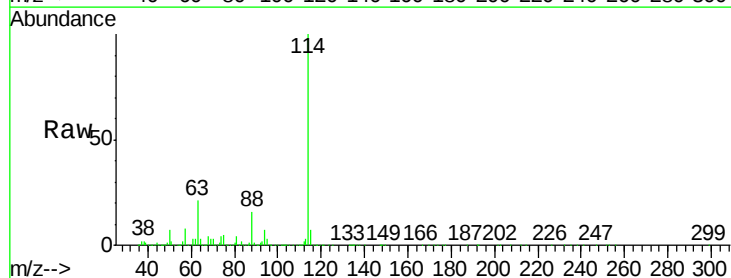
Tgt Ion: 114 Resp: 889472

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

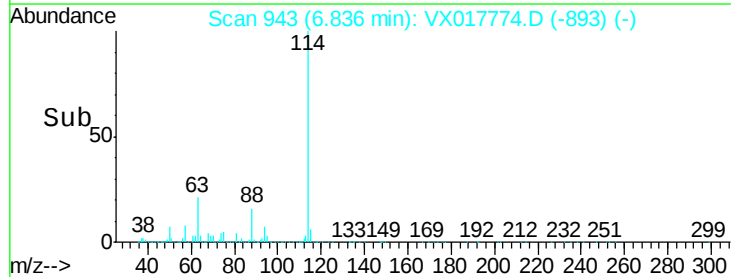
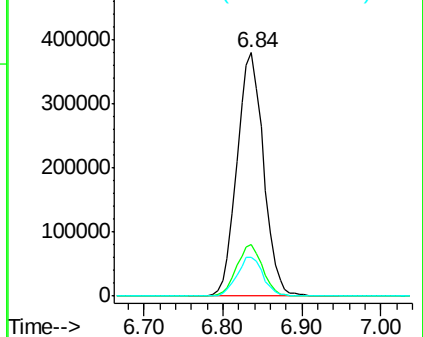
88 15.8 0.0 33.4

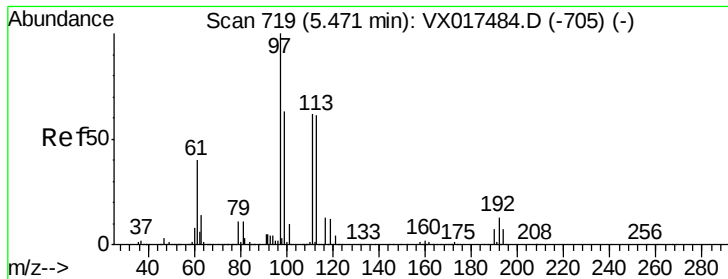


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.134 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

PB130720TB

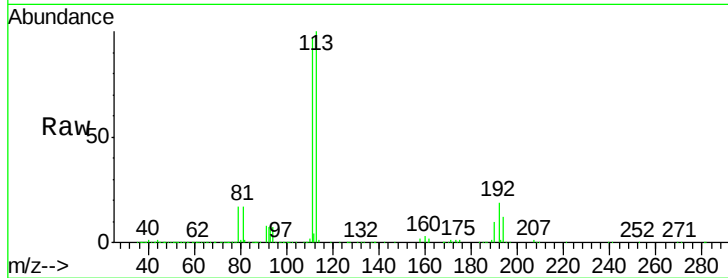
Tgt Ion: 113 Resp: 304189

Ion Ratio Lower Upper

113 100

111 100.6 80.7 121.1

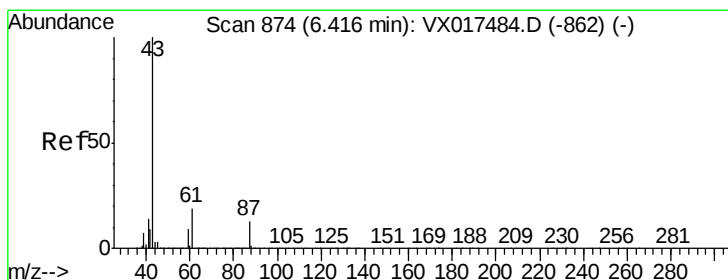
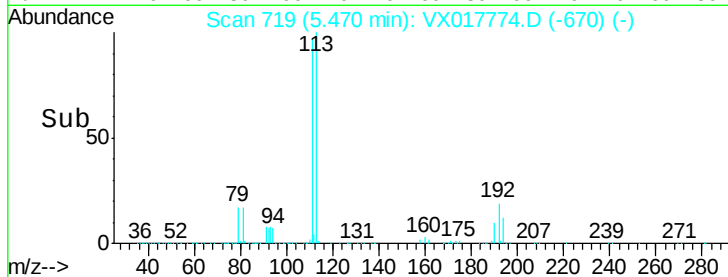
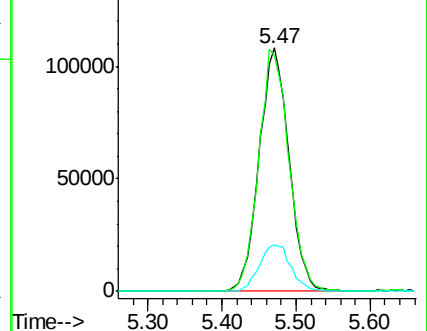
192 20.3 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 10.055 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

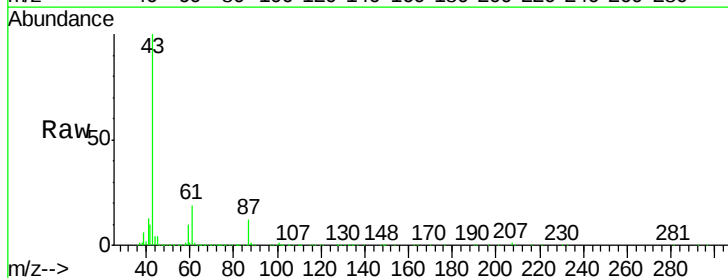
Tgt Ion: 43 Resp: 154858

Ion Ratio Lower Upper

43 100

61 19.0 15.5 23.3

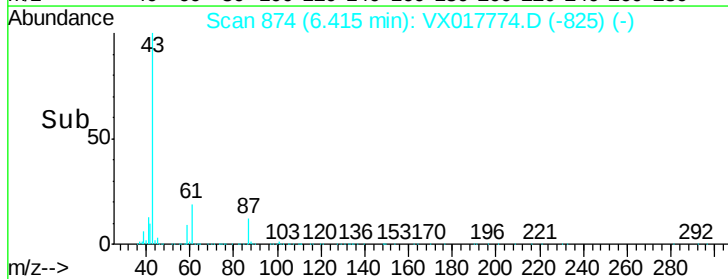
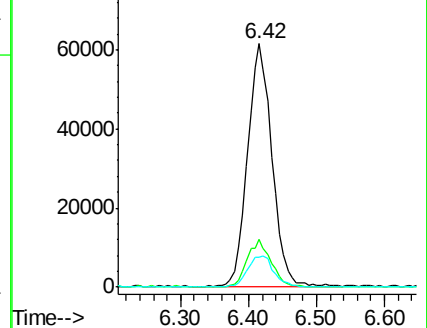
87 13.5 10.5 15.7

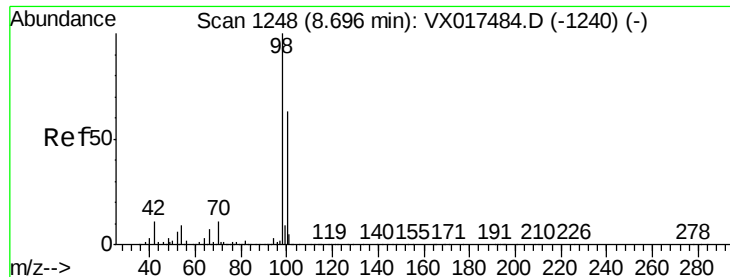


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.573 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

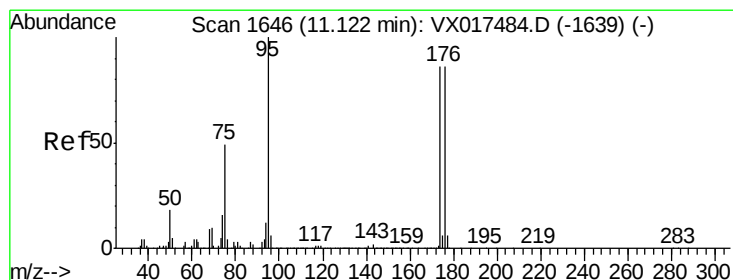
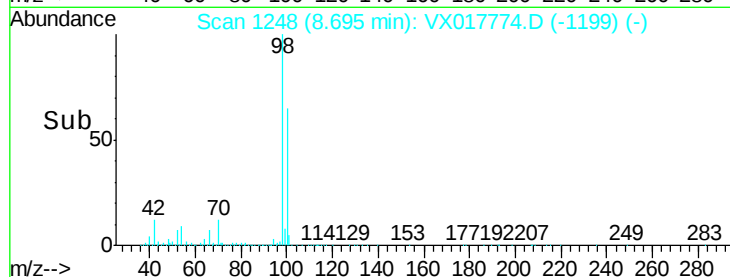
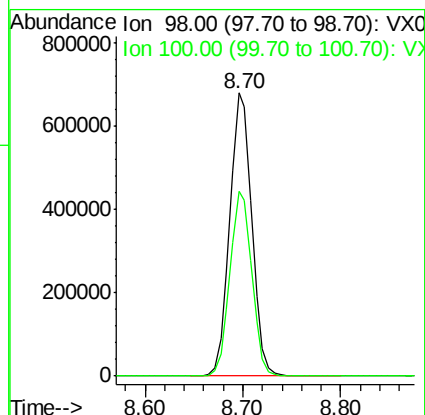
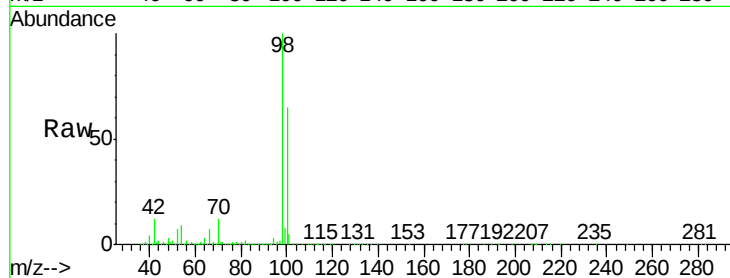
PB130720TB

Tgt Ion: 98 Resp: 1063847

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 51.105 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

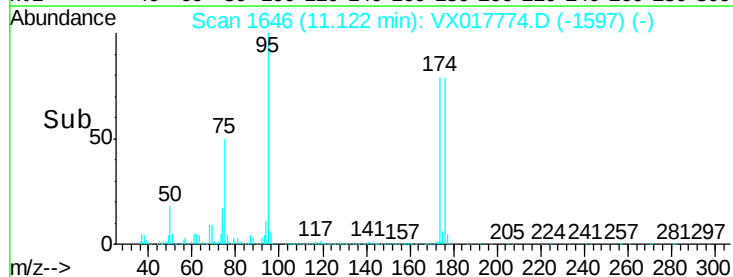
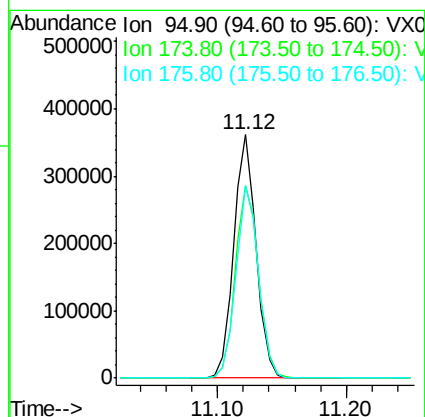
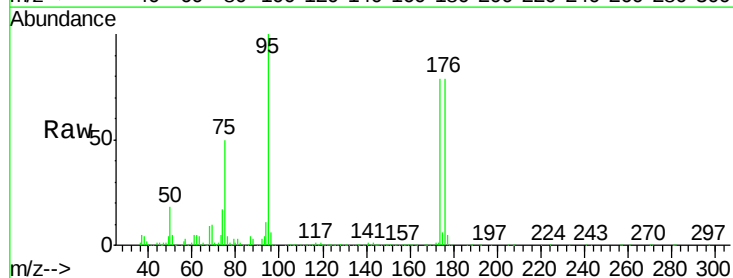
Tgt Ion: 95 Resp: 438916

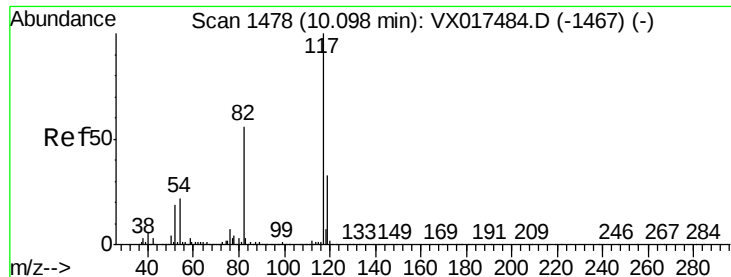
Ion Ratio Lower Upper

95 100

174 81.9 0.0 169.0

176 79.8 0.0 161.0

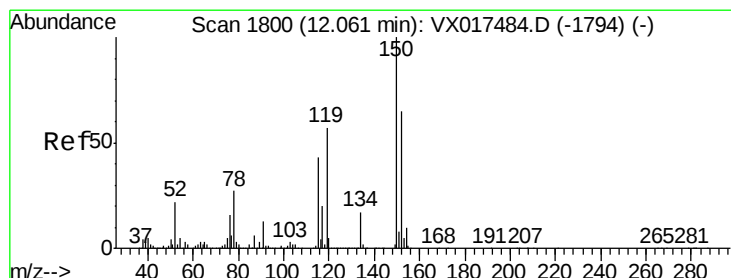
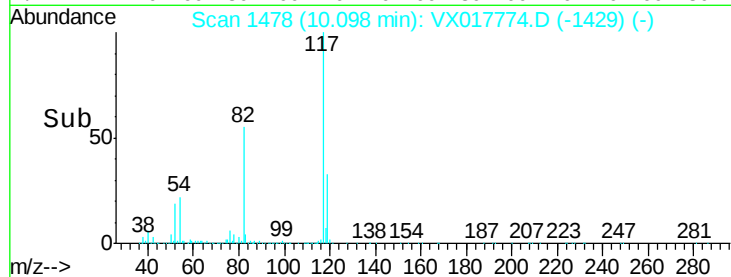
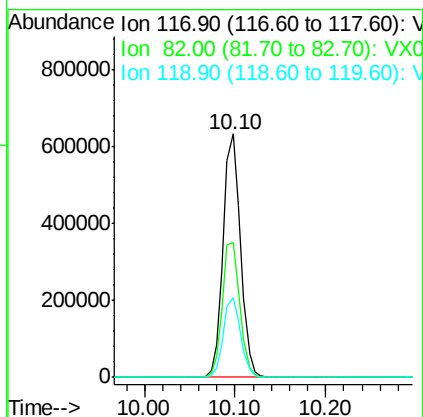
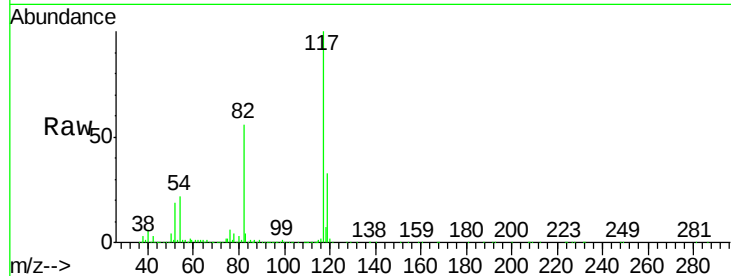




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017774.D
Acq: 04 Aug 2020 16:34

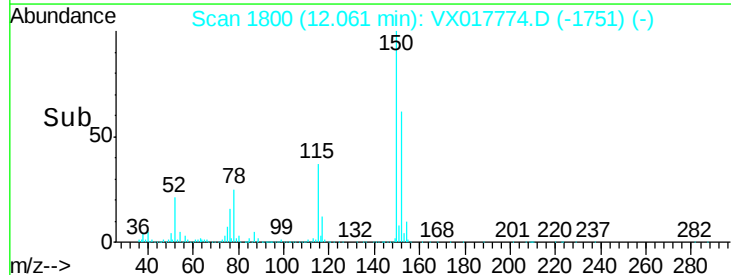
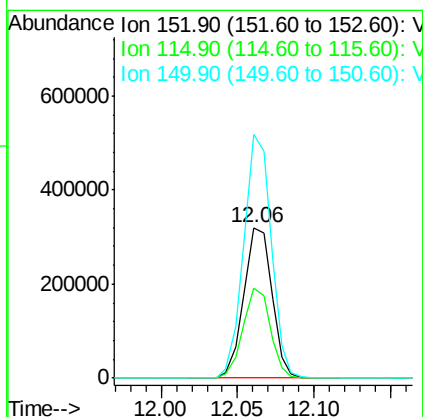
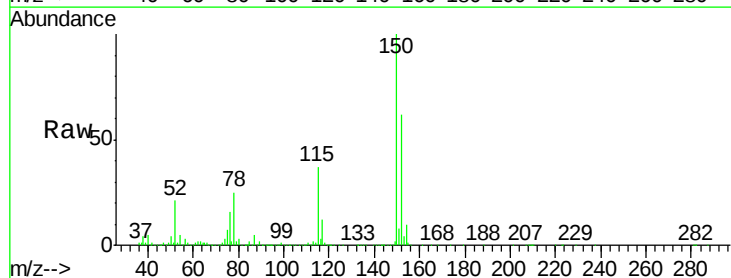
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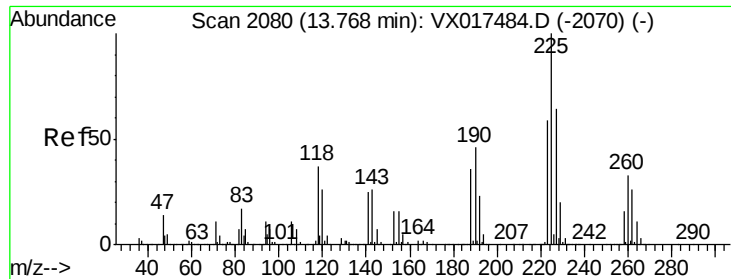
Tgt Ion:117 Resp: 843765
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017774.D
Acq: 04 Aug 2020 16:34

Tgt Ion:152 Resp: 410267
Ion Ratio Lower Upper
152 100
115 58.3 65.5 196.6#
150 158.1 0.0 412.6





#94

Hexachlorobutadiene

Concen: 1.054 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017774.D

Acq: 04 Aug 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

PB130720TB

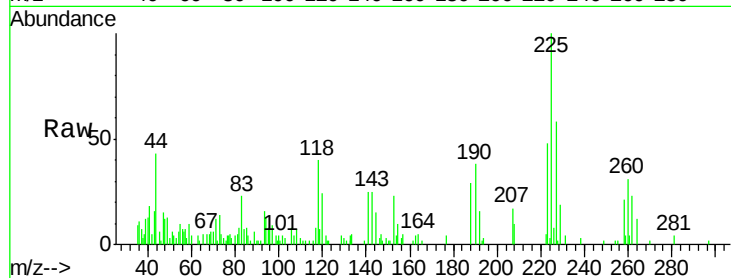
Tgt Ion: 225 Resp: 4402

Ion Ratio Lower Upper

225 100

223 64.6 30.3 90.9

227 52.1 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

